

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20010006575"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 11:04
L2	2	"20010007545"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 12:30
L3	1	10/769756	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:03
L4	78366	(sector or block or unit or cluster or frame) with (header or ((run-in\$2) or (run adj2 in\$2)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:07
L5	353	(sector or block or unit or cluster or frame) with (header or ((run-in\$2) or (run adj2 in\$2))) with (run-out\$2 or (run adj2 out\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:11

L6	206	5 and "369".clas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:12
L7	14	(sector or block or unit or cluster or frame) with (header or ((run-in\$2) or (run adj2 in\$2))) with (run-out\$2 or (run adj2 out\$2)) with ((identical or exact or "same") near5 (pattern or data or sequence or pit\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:37
L8	5	(sector or block or unit or cluster or frame) with (header or ((run-in\$2) or (run adj2 in\$2))) with (run-out\$2 or (run adj2 out\$2)) with (00h)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:42
L9	399	(pit\$3 or mark\$3) with (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:57
L10	40	((pit\$3 or mark\$3) near5 (row or pattern or sequenc\$4)) with (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:57
L11	58	((pit\$3 or mark\$3) near5 (row or pattern or sequenc\$4)) same (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:57

L12	312	((pit\$3 or mark\$3) near10 (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:57
L13	190	L12 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:57
L14	43	((repeat\$5 or iterat\$5 or duplicat\$5) near5 (data or information or suqenc\$4 or pattern or row or train)) with (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:57
L15	37	L14 not (L10 or L11 or L13)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/09 13:57
S1	720	(369/59.25).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:58
S2	1774	(369/275.3).OCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 16:26
S3	1364	(369/275.4).OCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/20 14:35
S4	3189	S1 or S2 or S3	US-PGPUB; USPAT	OR	ON	2006/09/20 14:36
S5	1842	S4 and (bca or ("burst cutting area") or bar code)	US-PGPUB; USPAT	OR	ON	2006/09/21 13:54
S6	1154791	(bca or ("burst cutting area") or bar code)	US-PGPUB; USPAT	OR	ON	2007/06/26 11:56

S7	856	wobbl\$3 near2 pit	US PGPUB; USPAT	OR	ON	2006/09/20 14:37
S8	82	S6 same S7	US PGPUB; USPAT	OR	ON	2006/09/20 14:38
S9	20	S4 and S8	US PGPUB; USPAT	OR	ON	2006/09/20 14:38
S10	681550	(bca or ("burst cutting area") or (bar aj2code))	US PGPUB; USPAT	OR	ON	2006/09/20 16:09
S11	27	S7 same S10	US PGPUB; USPAT	OR	ON	2006/09/20 15:39
S12	5	S4 and S11	US PGPUB; USPAT	OR	ON	2006/09/20 14:40
S13	1	("6813237").PN.	US PGPUB; USPAT	OR	OFF	2006/09/20 15:39
S14	1154824	(bca or ("burst cutting area") or (bar aj2 code))	US PGPUB; USPAT	OR	ON	2006/09/20 16:12
S15	82	S7 same S14	US PGPUB; USPAT	OR	ON	2006/09/20 16:10
S16	20	S15 and S4	US PGPUB; USPAT	OR	ON	2006/09/20 16:11
S17	55970	(bca or ("burst cutting area") or (bar adj2 code))	US PGPUB; USPAT	OR	ON	2006/09/21 13:10
S18	67	S7 and S17	US PGPUB; USPAT	OR	ON	2006/09/20 16:12
S19	28	S4 and S18	US PGPUB; USPAT	OR	ON	2006/09/20 16:12
S20	54	S2 and ((BCA or "burst cutting area") and ((pit or wobbl\$3) near2 pattern or array or line))	US PGPUB; USPAT	OR	ON	2006/09/20 16:31
S21	34	S2 and ((BCA or "burst cutting area") and ((pit or wobbl\$3) near2 pattern or array))	US PGPUB; USPAT	OR	ON	2006/09/20 16:31
S22	301	pit adj2 wobble	US PGPUB; USPAT	OR	ON	2006/09/21 09:28
S23	950	"pit patterns"	US PGPUB; USPAT	OR	ON	2006/09/21 09:29

S24	720	(369/59.25).OCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 09:29
S25	1776	(369/275.3).OCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 09:29
S26	1364	(369/275.4).OCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 09:29
S27	3191	S24 or S25 or S26	US-PGPUB; USPAT	OR	ON	2006/09/21 09:29
S28	261	S23 and S27	US-PGPUB; USPAT	OR	ON	2006/09/21 09:31
S29	286	S23 same (multiple or plurality or two or three)	US-PGPUB; USPAT	OR	ON	2006/09/21 09:51
S30	80	S27 and S29	US-PGPUB; USPAT	OR	ON	2006/09/21 09:32
S31	1	("4991363").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/21 09:59
S33	5	"9858368"	US-PGPUB; USPAT	OR	ON	2006/09/21 13:04
S34	1	("6069869").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/21 13:04
S35	8120	bca or ("burst cutting area")	US-PGPUB; USPAT	OR	ON	2007/06/26 11:08
S36	524	modulation same (wobbl\$3 and pit)	US-PGPUB; USPAT	OR	ON	2006/09/21 13:11
S37	42	S35 and S36	US-PGPUB; USPAT	OR	ON	2006/09/21 13:11
S38	720	(369/59.25).OCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 13:54
S39	1776	(369/275.3).OCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 13:54
S40	1364	(369/275.4).OCLS.	US-PGPUB; USPAT	OR	OFF	2006/09/21 13:54
S41	3191	S38 or S39 or S40	US-PGPUB; USPAT	OR	ON	2006/09/21 13:54

S42	122	S41 and (bca or ("burst cutting area"))	US PGPUB; USPAT	OR	ON	2006/09/21 13:54
S43	859	wobbl\$3 near2 pit	US PGPUB; USPAT	OR	ON	2006/09/21 13:55
S44	26	S42 and S43	US PGPUB; USPAT	OR	ON	2006/09/21 13:55
S45	902	(different or multiple or numerous or plurality or two or three or four) SAME (pit ADJ3 (pattern or design or formation))	US PGPUB; USPAT	OR	ON	2006/09/21 13:59
S46	251	S41 and S45	US PGPUB; USPAT	OR	ON	2006/09/21 13:59
S47	59	S43 and S46	US PGPUB; USPAT	OR	ON	2006/09/21 14:51
S48	0	(lead ADJ2 in) SAME (pit ADJ2 pattern)	US PGPUB; USPAT	OR	ON	2006/09/21 14:52
S49	69	(lead-in) SAME (pit ADJ2 pattern)	US PGPUB; USPAT	OR	ON	2006/09/26 13:58
S50	1	("5815480").URPN.	USPAT	OR	ON	2006/09/21 15:39
S51	2	10/769987	US PGPUB; USPAT	OR	ON	2006/09/25 09:39
S52	1	("6128272").PN.	US PGPUB; USPAT	OR	OFF	2006/09/25 09:53
S53	1	("6813237").PN.	US PGPUB; USPAT	OR	OFF	2006/09/25 10:00
S54	1	("5337301").PN.	US PGPUB; USPAT	OR	OFF	2006/09/25 10:08
S56	1	10/381106	US PGPUB; USPAT	OR	ON	2006/09/25 10:12
S57	1	("6069869").PN.	US PGPUB; USPAT	OR	OFF	2006/09/25 10:19
S58	8120	bca or "burst cutting area"	US PGPUB; USPAT	OR	ON	2006/09/25 10:20
S59	1668	pit ADJ2 (pattern or array or arrangement or design)	US PGPUB; USPAT	OR	ON	2006/09/25 10:21

S60	1996	(pit or wobbl\$3) ADJ2 (pattern or array or arangement or design)	US PGPUB; USPAT	OR	ON	2006/09/25 10:23
S61	73	S58 and S60	US PGPUB; USPAT	OR	ON	2006/09/25 10:55
S62	1	10/417211	US PGPUB; USPAT	OR	ON	2006/09/25 12:34
S63	1	("6813237").PN.	US PGPUB; USPAT	OR	OFF	2006/09/25 12:36
S64	1	("6052465").PN.	US PGPUB; USPAT	OR	OFF	2006/09/25 12:39
S65	0	(bar ADJ1 code) ADJ3 "pit pattern"	US PGPUB; USPAT	OR	ON	2006/09/25 12:40
S66	12	(bar ADJ1 code) ADJ3 (pit or wobbl\$3)	US PGPUB; USPAT	OR	ON	2006/09/25 12:44
S67	1	10/417211	US PGPUB; USPAT	OR	ON	2006/09/25 12:57
S68	720	(369/59.25).OCLS.	US PGPUB; USPAT	OR	OFF	2006/09/25 12:57
S69	1776	(369/275.3).OCLS.	US PGPUB; USPAT	OR	OFF	2006/09/25 12:57
S70	1364	(369/275.4).OCLS.	US PGPUB; USPAT	OR	OFF	2006/09/25 12:57
S72	133	(different or multiple or plurality or second or third or various) ADJ2 (pit adj2 (pattern or array or line or arrangement))	US PGPUB; USPAT	OR	ON	2006/09/25 13:01
S73	3191	S68 S69 S70	US PGPUB; USPAT	OR	ON	2006/09/25 13:01
S74	39	S72 and S73	US PGPUB; USPAT	OR	ON	2006/09/25 13:33
S75	2	10/193991	US PGPUB; USPAT	OR	ON	2006/09/25 13:38
S76	28	tomita-yoshimi.in.	US PGPUB; USPAT	OR	ON	2006/09/25 13:39
S77	1	("6930977").PN.	US PGPUB; USPAT	OR	OFF	2006/09/26 08:43

S78	1	("6343062").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 08:43
S79	1	("5617408").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 14:01
S80	1	("6069869").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/26 15:02
S82	196	(bar adj2 code) near2 (pit or wobb\$3 or modulat\$5)	US-PGPUB; USPAT	OR	ON	2006/09/27 08:19
S83	6	S82 and (bca or "burst cutting area")	US-PGPUB; USPAT	OR	ON	2006/09/26 15:03
S84	184	(bar adj2 code) near2 modulat\$5	US-PGPUB; USPAT	OR	ON	2006/09/26 15:25
S85	8	S84 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/09/26 15:41
S86	56188	(bar adj2 code) or (bca or "burst cutting area")	US-PGPUB; USPAT	OR	ON	2006/09/26 15:42
S87	13665	"run-length limited" or RLL or "bi-phase modulation" or "phase-shift keying" or PSK	US-PGPUB; USPAT	OR	ON	2006/09/27 09:01
S88	13	S86 same S87	US-PGPUB; USPAT	OR	ON	2006/09/26 15:44
S89	1	("6930977").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/27 08:29
S90	0	("(multipleorpluralityornumerousortwoorthree)NEARmodulat\$5").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/27 08:30
S91	18093	(multiple or plurality or numerous or two or three) NEAR modulat\$5	US-PGPUB; USPAT	OR	ON	2006/09/27 08:54
S92	99	(369/124.04).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/09/27 08:54
S93	1366	(369/275.4).CQLS.	US-PGPUB; USPAT	OR	OFF	2006/09/27 08:54
S94	1463	S92 or S93	US-PGPUB; USPAT	OR	ON	2006/09/27 08:55
S95	41	S91 and S94	US-PGPUB; USPAT	OR	ON	2006/09/27 08:55



S96	78	("run-length limited" or RLL) and ("bi-phase modulation" or "phase-shift keying" or PSK)	US PGPUB; USPAT	OR	ON	2006/09/27 09:04
S97	15	S94 and S96	US PGPUB; USPAT	OR	ON	2006/09/27 09:24
S98	2	10/769986	US PGPUB; USPAT	OR	ON	2006/09/27 14:08
S99	1	("6069869").PN.	US PGPUB; USPAT	OR	OFF	2006/09/27 16:33
S100	303	lee-kyung-geun.in.	US PGPUB; USPAT	OR	ON	2006/09/27 16:37
S101	337	lee-kyung-geun.in.	US PGPUB; USPAT	OR	ON	2007/02/23 12:17
S102	108	(369/124.04).OCLS.	US PGPUB; USPAT	OR	OFF	2007/02/23 12:17
S103	1396	(369/275.4).OCLS.	US PGPUB; USPAT	OR	OFF	2007/02/23 12:17
S104	1501	S102 or S103	US PGPUB; USPAT	OR	ON	2007/02/23 12:17
S105	89	("run-length limited" or RLL) and ("bi-phase modulation" or "phase-shift keying" or PSK)	US PGPUB; USPAT	OR	ON	2007/02/23 12:17
S106	16	S104 and S105	US PGPUB; USPAT	OR	ON	2007/02/23 12:17
S107	998	"pit patterns"	US PGPUB; USPAT	OR	ON	2007/02/23 12:17
S108	770	(369/59.25).OCLS.	US PGPUB; USPAT	OR	OFF	2007/02/23 12:17
S109	1866	(369/275.3).OCLS.	US PGPUB; USPAT	OR	OFF	2007/02/23 12:17
S110	1396	(369/275.4).OCLS.	US PGPUB; USPAT	OR	OFF	2007/02/23 12:17
S111	3334	S108 or S109 or S110	US PGPUB; USPAT	OR	ON	2007/02/23 12:17
S112	308	S107 same (multiple or plurality or two or three)	US PGPUB; USPAT	OR	ON	2007/02/23 12:17

S113	82	S111 and S112	US-PGPUB; USPAT	OR	ON	2007/02/23 12:17
S114	2	10/769986	US-PGPUB; USPAT	OR	ON	2007/06/26 11:09
S115	1	10/769756	US-PGPUB; USPAT	OR	ON	2007/06/26 11:10
S116	2	10/769986	US-PGPUB; USPAT	OR	ON	2007/06/26 11:40
S117	39	(bca or ("burst cutting area")) with ((repeat\$3 or duplicat\$4 or equivalent or identical or interchangeable) near5 (information or sequence or pits or pattern or data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:55
S118	199	(bca or ("burst cutting area")) same ((repeat\$3 or duplicat\$4 or equivalent or identical or interchangeable) with (information or sequence or pits or bits or byte or pattern or data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:45
S119	78	S118 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 12:09
S120	59	S119 not S117	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 12:09
S121	6	("4672613"   "5333126"   "5502699"   "5557594"   "5604727"   "5696745").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 12:23
S122	8	("6414920").URPN.	USPAT	OR	ON	2007/06/26 12:24

S123	5	("5914928"   "6188538"   "6301208"   "6332204"   "6414920").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/26 12:26
S124	808	(369/59.25).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/26 13:10
S125	1976	(369/275.3).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/26 13:10
S126	1447	(369/275.4).OCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/26 13:10
S127	3510	S124 or S125 or S126	US-PGPUB; USPAT	OR	ON	2007/06/26 13:10
S128	24	S118 and S127	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:10
S129	214	((bca or ("burst cutting area")) same ((repeat\$4 or duplicat\$4 or equivalent or identical or interchangeable) with (information or sequence or pits or bits or byte or pattern or data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:46
S130	15	S129 not S118	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 13:46
S131	15	((bca or "burst cutting area") same (lead-in or (lead adj2 in) same (data or user) same (lead-out or (lead adj2 out))) and ((repeat\$3 or duplicat\$4 or equivalent or identical or interchangeable) near5 ((control\$3 or manufactur\$3) near2 (data or information)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/26 14:09
S132	1	("6930977").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/26 14:11

S133	2	"20030053404"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:27
S134	2	"20010007545"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 11:27
S135	354	lee-kyung-gaun.in.	US-PGPUB; USPAT	OR	ON	2007/06/27 11:59
S136	2	"20030053404"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/28 11:19
S137	1	((analog near2 digital) or (A/D)) and (convert\$3 or chang\$3) and (focus\$3) and (voltage) and (duty) and (positive or upper) and (negative or lower) and (upcount\$4 or increment\$4)).clm.	US-PGPUB	OR	ON	2007/06/28 11:26
S138	1	("20010007545").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/15 18:35
S139	816	(369/59.25).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/15 19:16
S140	1984	(369/275.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/15 19:16
S141	1458	(369/275.4).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/15 19:16
S142	3532	S139 or S140 or S141	US-PGPUB; USPAT	OR	ON	2007/07/15 19:16
S143	2107	S142 and (bca or ("burst cutting area") or bar code)	US-PGPUB; USPAT	OR	ON	2007/07/15 19:16

S144	15	((bca or "burst cutting area") same (lead-in or (lead adj2 in)) same (data or user) same (lead-out or (lead adj2 out))) and ((repeat\$3 or duplicat\$4 or equivalent or identical or interchangeable) near5 ((control\$3 or manufactur\$3) near2 (data or information)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/15 19:16
S145	23	((repeat\$3 or duplicat\$3) with ((control\$4 or disc) near2 (information or data)) with ((lead-in) or (lead adj2 in)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:04
S146	26	((repeat\$3 or duplicat\$3) with (control\$3 near2 (data or information)) same ((lead-in) or (lead adj2 in)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:11
S147	10	S146 not S145	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:05
S148	30	((repeat\$4 or duplicat\$3) with (control\$3 near2 (data or information)) same ((lead-in) or (lead adj2 in)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 10:12
S149	3	S148 not (S145 or S146)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 11:01
S150	1	("20040010745").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/25 11:01

S151	1	("20040022150").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/25 11:01
S152	1	("20010007545").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 11:15
S153	1	("20030053404").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 11:15
S154	1346756	(bca or ("burst cutting area") or bar code)	US-PGPUB; USPAT	OR	ON	2008/01/14 12:51
S155	1009	wobbl\$3 near2 pit	US-PGPUB; USPAT	OR	ON	2008/01/14 12:51
S156	90	S154 same S155	US-PGPUB; USPAT	OR	ON	2008/01/14 12:51
S157	68152	(bca or ("burst cutting area") or (bar adj2 code))	US-PGPUB; USPAT	OR	ON	2008/01/14 12:51
S158	79	S155 and S157	US-PGPUB; USPAT	OR	ON	2008/01/14 12:51
S159	27	(repeat\$3 or duplicat\$3) with ((control\$4 or disc) near2 (information or data)) with ((lead-in) or (lead adj2 in))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 12:51
S160	26	(repeat\$3 or duplicat\$3) with (control\$3 near2 (data or information)) same ((lead-in) or (lead adj2 in))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 12:51
S161	30	(repeat\$4 or duplicat\$3) with (control\$3 near2 (data or information)) same ((lead-in) or (lead adj2 in))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 12:51

S162	3	S161 not (S159 or S160)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 12:51
S163	18	((bca or "burst cutting area") same (lead-in or (lead adj2 in)) same (data or user) same (lead-out or (lead adj2 out))) and ((repeat\$3 or duplicat\$4 or equivalent or identical or interchangeable) near5 ((control\$3 or manufactur\$3) near2 (data or information)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/14 12:51
S164	1	("6657929").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 14:08
S165	0	(2001/0007545).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/01/29 10:26
S166	2	2001/0007545	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 10:26
S167	2	"20010007545"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 10:34
S168	2	"20030053404"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 10:34
S169	854	(369/59.25).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/01/29 12:07
S170	2077	(369/275.3).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/01/29 12:07

S171	1545	(369/275.4).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/29 12:07
S172	3715	S169 or S170 or S171	US-PGPUB; USPAT	OR	ON	2008/01/29 12:07
S173	1352721	(bca or ("burst cutting area") or bar code)	US-PGPUB; USPAT	OR	ON	2008/01/29 12:07
S174	1018	wobbl\$3 near2 pit	US-PGPUB; USPAT	OR	ON	2008/01/29 12:07
S175	90	S173 same S174	US-PGPUB; USPAT	OR	ON	2008/01/29 12:07
S176	24	S172 and S175	US-PGPUB; USPAT	OR	ON	2008/01/29 12:07
S177	771445	(bca or ("burst cutting area") or (bar aj2code))	US-PGPUB; USPAT	OR	ON	2008/01/29 12:07
S178	33	S174 same S177	US-PGPUB; USPAT	OR	ON	2008/01/29 12:07
S179	8	S172 and S178	US-PGPUB; USPAT	OR	ON	2008/01/29 12:07
S180	18	((bca or "burst cutting area") same (lead-in or (lead adj2 in)) same (data or user) same (lead-out or (lead adj2 out))) and ((repeat\$3 or duplicat\$4 or equivalent or identical or interchangeable) near5 ((control\$3 or manufactur\$3) near2 (data or information)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 12:08
S181	31	((repeat\$4 or duplicat\$3) with (control\$3 near2 (data or information)) same ((lead-in) or (lead adj2 in))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 12:09
S182	1	S180 and S181	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/29 12:09



S183	50	bca near2 pit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/19 19:49
S184	4	DVD near2 pits near5 (BCA or burst)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/19 19:50
S185	8	DVD near10 pits near5 (BCA or burst)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/19 19:50
S186	1	("6414920").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/20 11:29
S187	1	("6034937").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/20 11:29
S188	1	("5688173").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/20 11:30
S189	37	((pit\$3 or mark\$3) near5 (row or pattern or sequenc\$4)) with (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 21:09
S190	31	S189 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/29 21:09

S191	37	((pit\$3 or mark\$3) near5 (row or pattern or sequenc\$4)) with (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:14
S192	31	S191 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:14
S193	6	S191 not S192	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:19
S194	55	((pit\$3 or mark\$3) near5 (row or pattern or sequenc\$4)) same (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:32
S195	18	S194 not S191	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:33
S196	10	S195 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:34

S197	8	S195 not S196	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:43
S198	382	(pit\$3 or mark\$3) with (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:43
S199	302	(pit\$3 or mark\$3) near10 (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:45
S200	183	S199 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:46
S201	145	S200 not (S191 or S194)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:47
S202	145	S200 not (S191 or S194)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 11:47

S203	37	((repeat\$5 or iterat\$5 or duplicat\$5) near5 (data or information or suqenc\$4 or pattern or row or train)) with (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:51
S204	31	S203 not (S191 or S194 or S200)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/30 12:55
S205	1	("20010006575").PN.	US-PGPUB; USPAT	OR	OFF	2008/05/05 13:23
S206	887	(369/59.25).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/05 13:23
S207	2143	(369/275.3).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/05 13:23
S208	1597	(369/275.4).OCLS.	US-PGPUB; USPAT	OR	OFF	2008/05/05 13:23
S209	3843	S206 or S207 or S208	US-PGPUB; USPAT	OR	ON	2008/05/05 13:23
S210	385	(pit\$3 or mark\$3) with (BCA or (burst near3 cut\$4 near3 (area or region)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/05 13:24
S211	2	"20030053404"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/05 13:31

S212	2	"20010007545"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/05 16:43
S213	1	("20030185134").PNL	US-PGPUB; USPAT	OR	OFF	2008/05/06 10:46

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